

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122072.D
 Acq On : 22 Oct 2020 2:22
 Operator : JU/CG
 Sample : L4391-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3

Quant Time: Oct 22 03:04:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

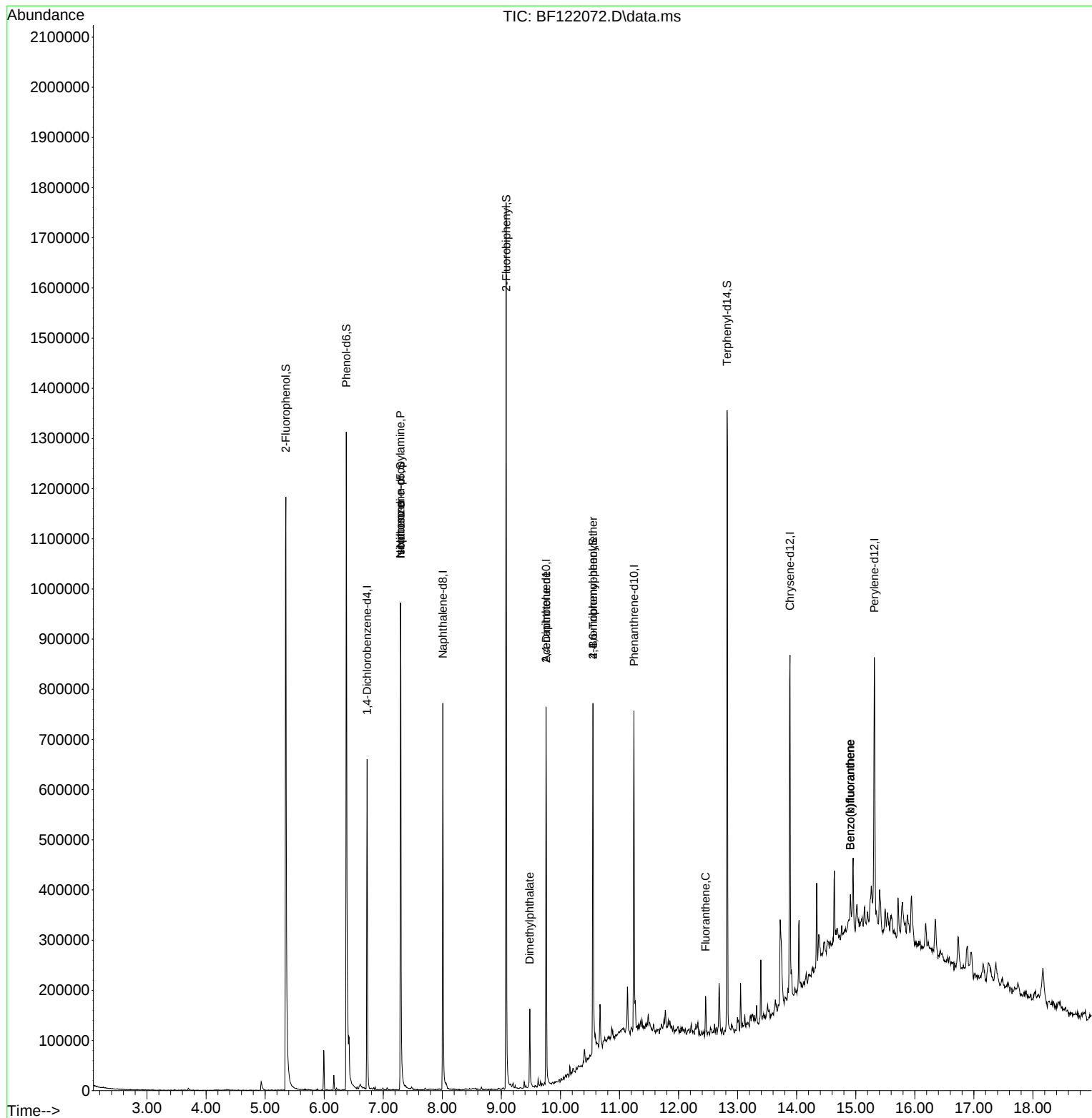
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	91277	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	339739	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	143370	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	223222	20.00	ng	0.00
76) Chrysene-d12	13.886	240	237567	20.00	ng	0.00
86) Perylene-d12	15.315	264	208669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	411843	66.59	ng	0.00
7) Phenol-d6	6.375	99	497118	62.44	ng	0.00
23) Nitrobenzene-d5	7.292	82	338540	51.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	92426	52.11	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	510814	52.42	ng	0.00
79) Terphenyl-d14	12.821	244	391458	31.40	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	715	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.292	70	44344	9.78 ng	#	80
25) Isophorone	7.292	82	338538	27.03 ng	#	67
50) Dimethylphthalate	9.481	163	60509	5.77 ng		99
57) 2,4-Dinitrotoluene	9.757	165	18419	6.51 ng	#	21
67) 4-Bromophenyl-phenylether	10.551	248	5619	2.18 ng	#	1
75) Fluoranthene	12.457	202	30607	2.33 ng		96
88) Benzo(b)fluoranthene	14.910	252	41601	2.95 ng	#	78
89) Benzo(k)fluoranthene	14.910	252	41601	3.10 ng	#	77

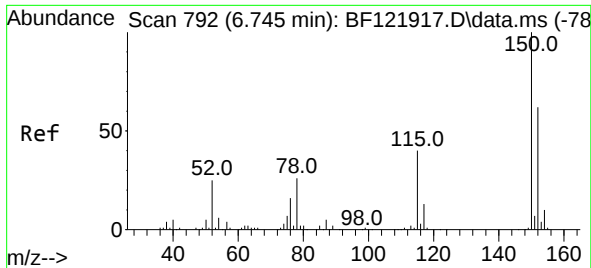
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122072.D
Acq On : 22 Oct 2020 2:22
Operator : JU/CG
Sample : L4391-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S3

Quant Time: Oct 22 03:04:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

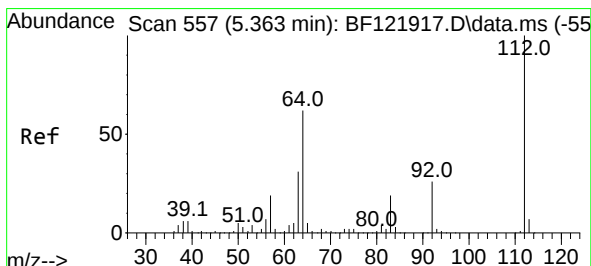
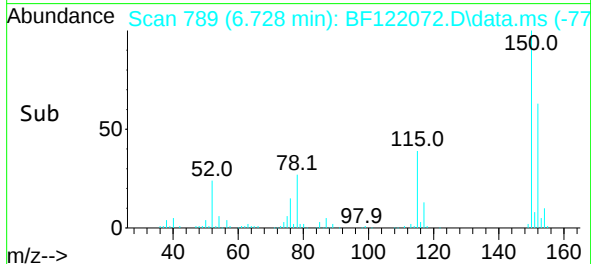
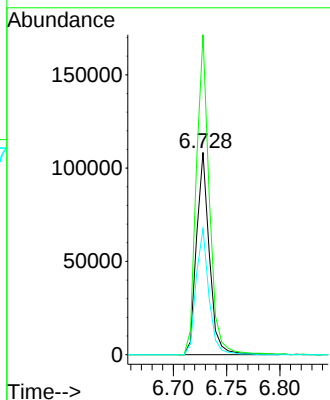
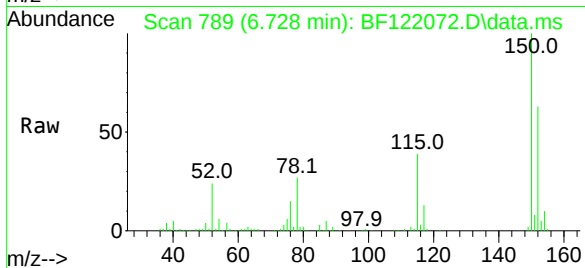




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

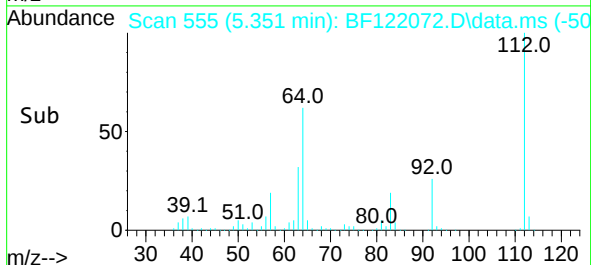
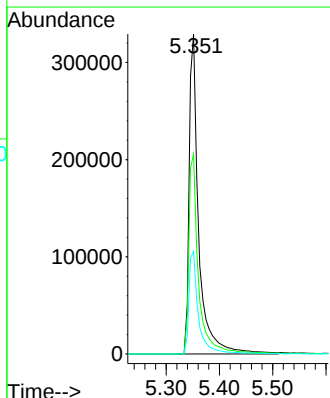
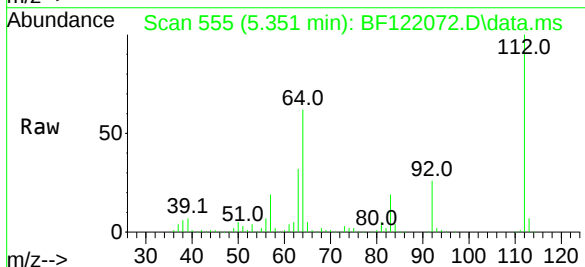
Instrument :
BNA_F
ClientSampleId :
S3

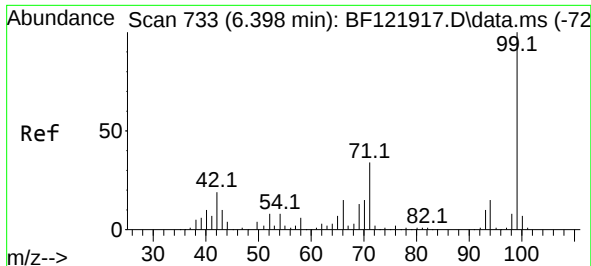
Tgt Ion:152 Resp: 91277
Ion Ratio Lower Upper
152 100
150 158.3 125.3 187.9
115 62.3 51.9 77.9



#5
2-Fluorophenol
Concen: 66.59 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

Tgt Ion:112 Resp: 411843
Ion Ratio Lower Upper
112 100
64 62.5 50.4 75.6
63 32.0 25.8 38.6

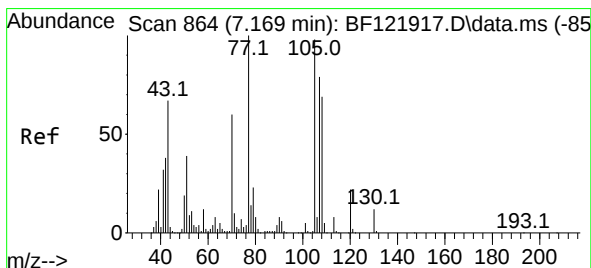
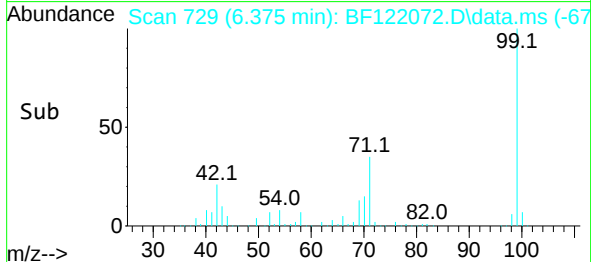
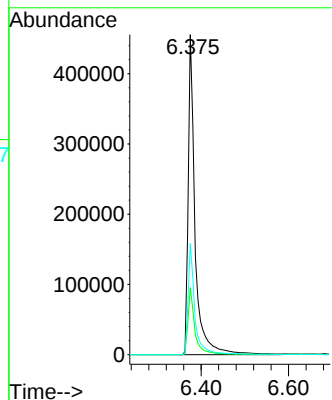
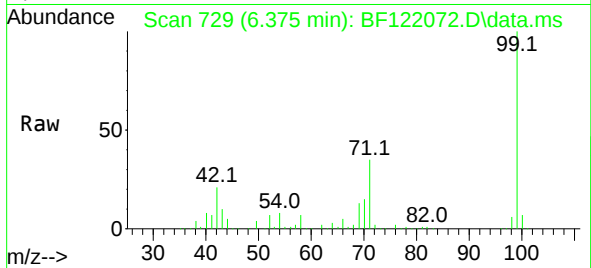




#7
Phenol-d6
Concen: 62.44 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

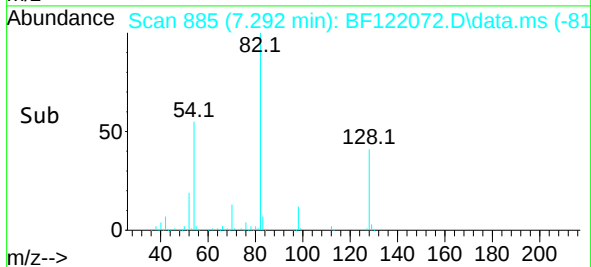
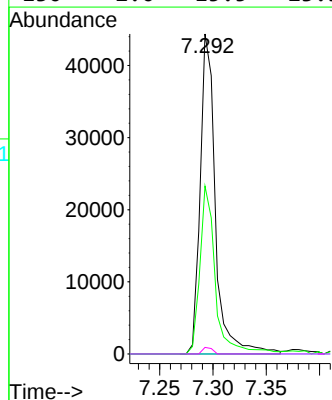
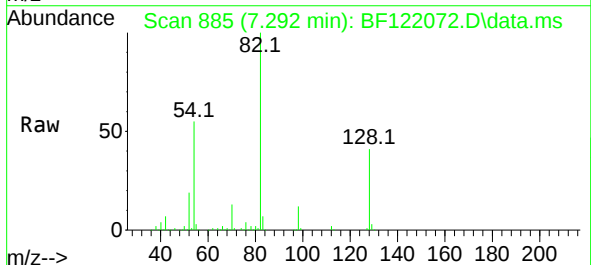
Instrument :
BNA_F
ClientSampleId :
S3

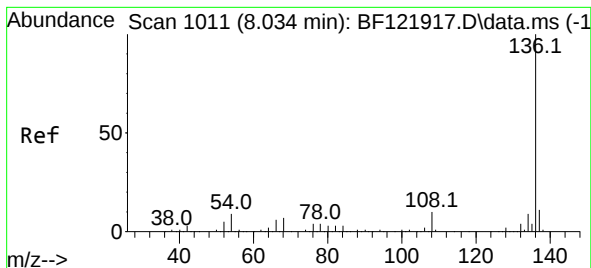
Tgt Ion: 99 Resp: 497118
Ion Ratio Lower Upper
99 100
42 20.9 15.9 23.9
71 34.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.78 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.135 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

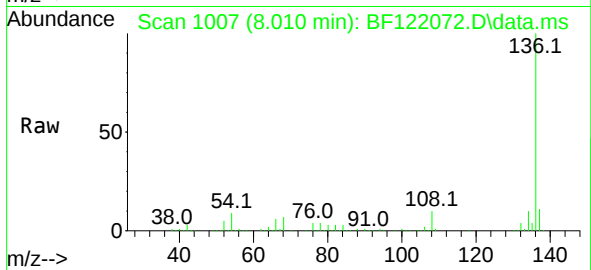
Tgt Ion: 70 Resp: 44344
Ion Ratio Lower Upper
70 100
42 52.5 50.2 75.4
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



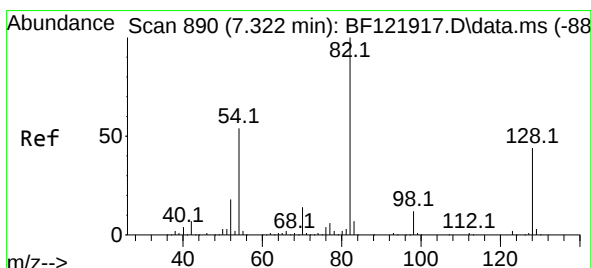
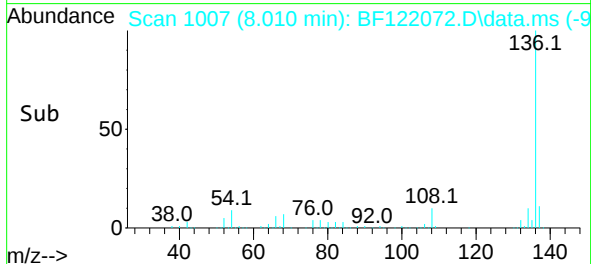
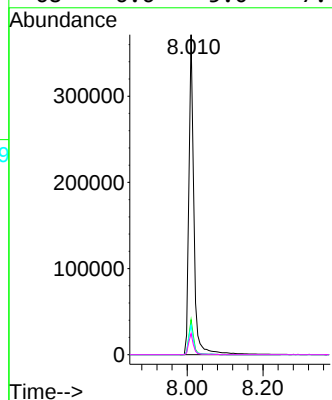


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

Instrument :
BNA_F
ClientSampleId :
S3

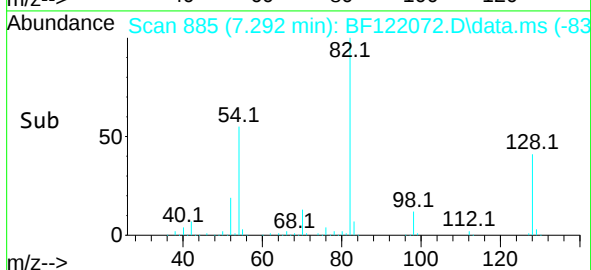
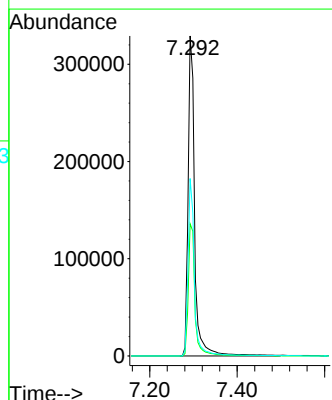
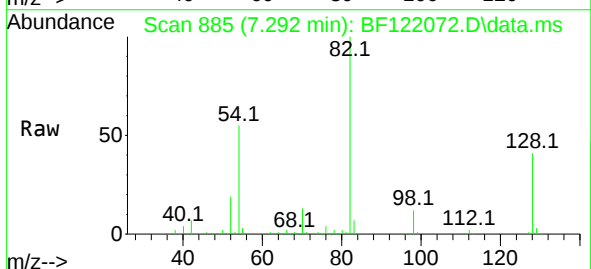


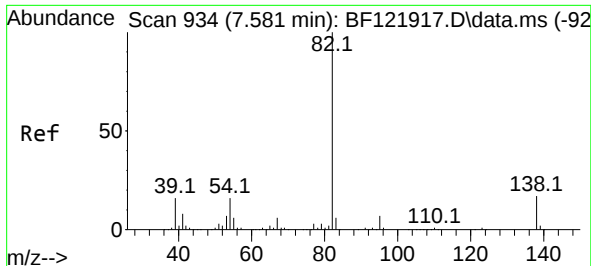
Tgt Ion:136 Resp: 339739
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 7.1 10.7
68 6.6 5.0 7.4



#23
Nitrobenzene-d5
Concen: 51.10 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

Tgt Ion: 82 Resp: 338540
Ion Ratio Lower Upper
82 100
128 41.3 35.0 52.4
54 55.5 43.9 65.9

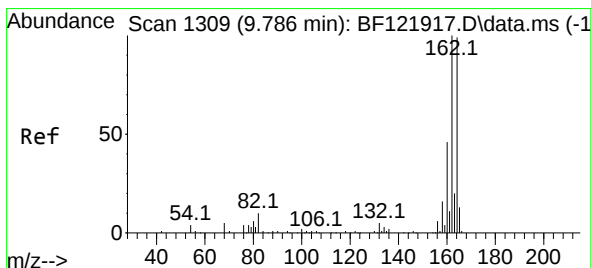
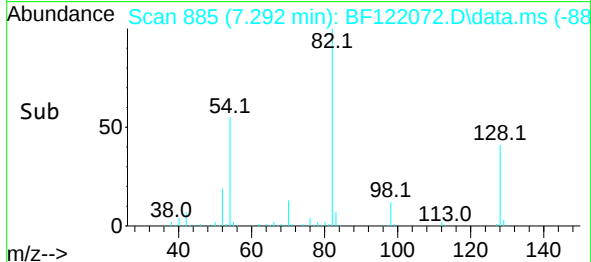
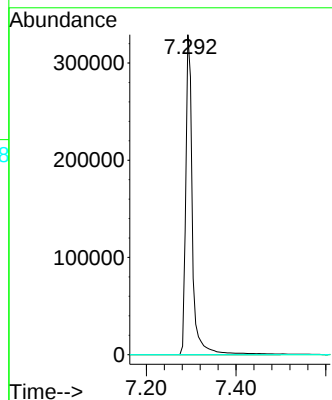
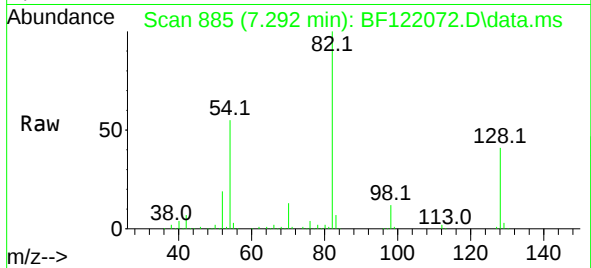




#25
Isophorone
Concen: 27.03 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.271 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

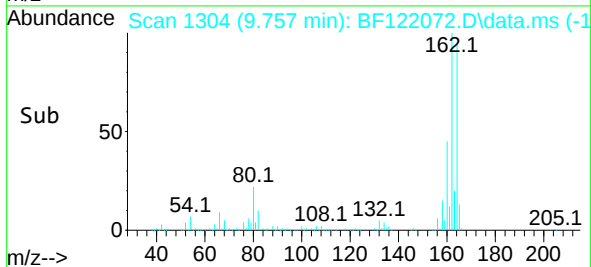
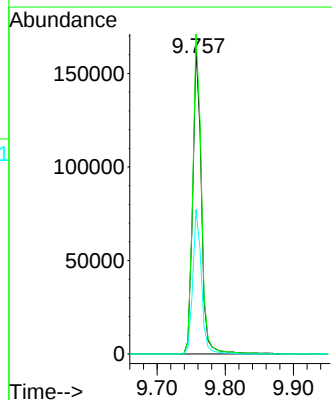
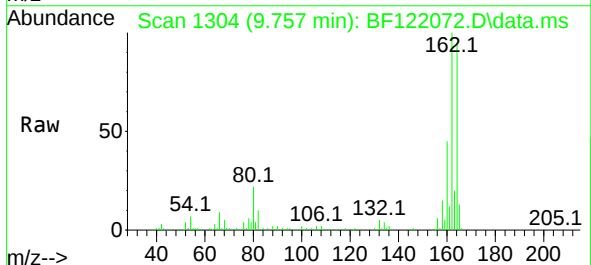
Instrument :
BNA_F
ClientSampleId :
S3

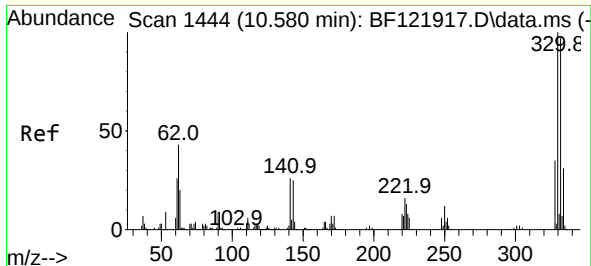
Tgt Ion: 82 Resp: 338538
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

Tgt Ion:164 Resp: 143370
Ion Ratio Lower Upper
164 100
162 105.0 83.2 124.8
160 47.5 37.5 56.3

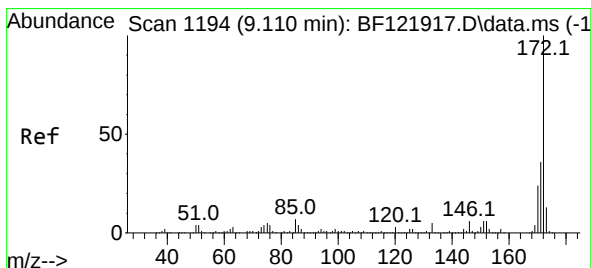
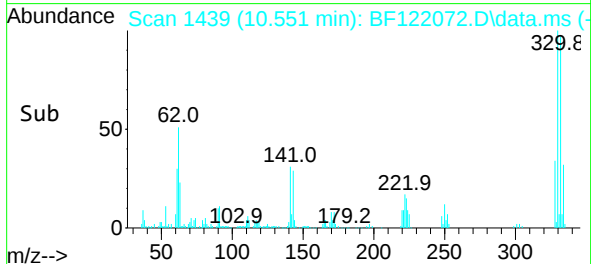
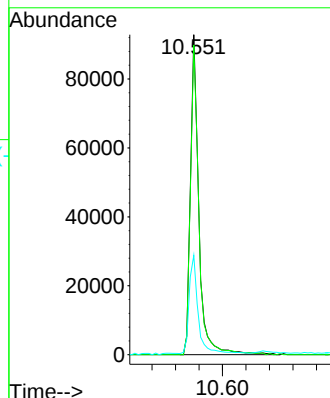
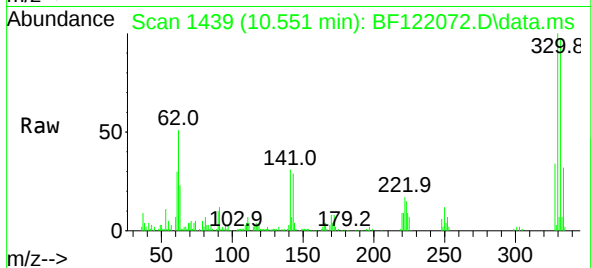




#42
2,4,6-Tribromophenol
Concen: 52.11 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

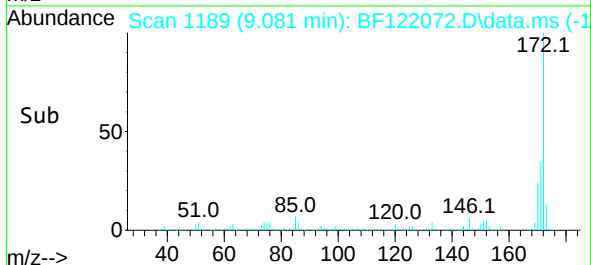
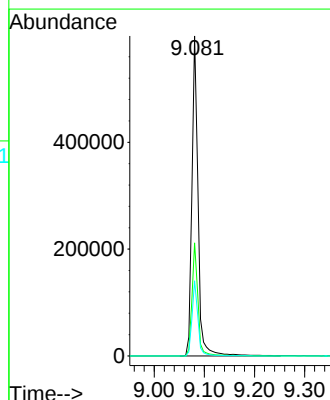
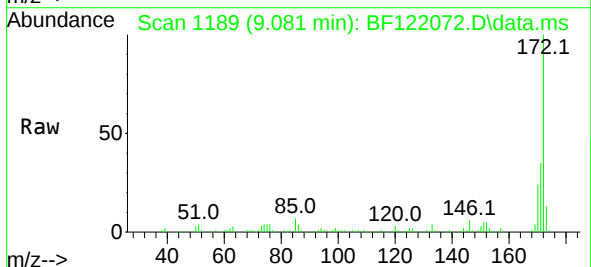
Instrument :
BNA_F
ClientSampled :
S3

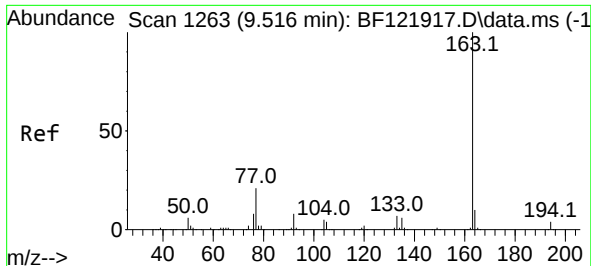
Tgt Ion: 330 Resp: 92426
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 32.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 52.42 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

Tgt Ion: 172 Resp: 510814
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.5 19.8 29.6

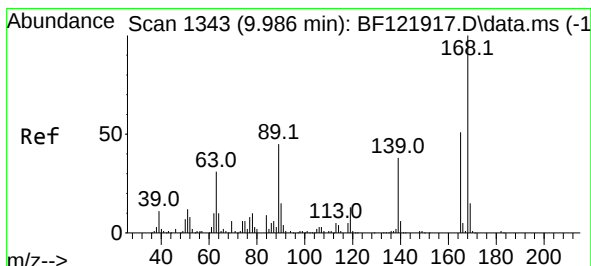
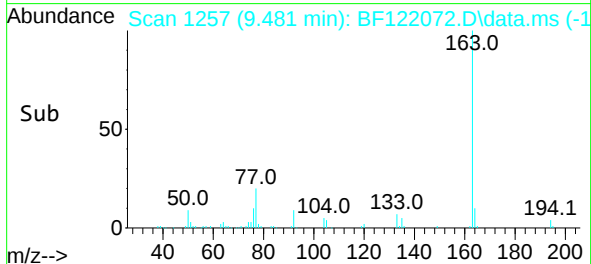
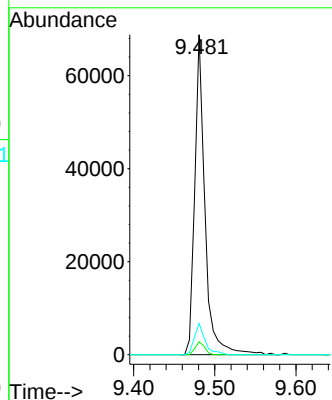
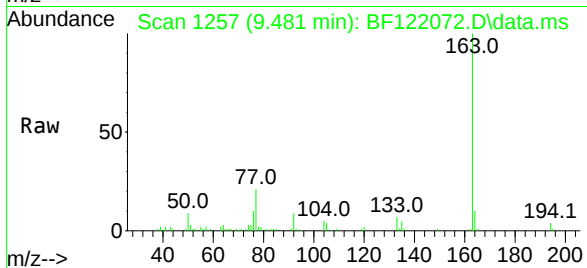




#50
Dimethylphthalate
Concen: 5.77 ng
RT: 9.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

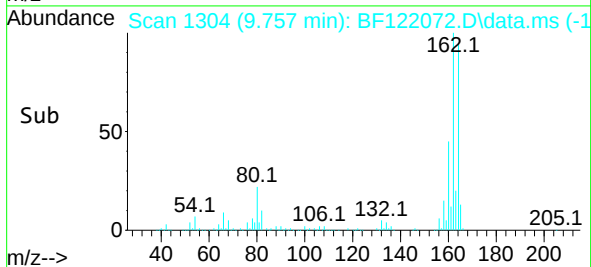
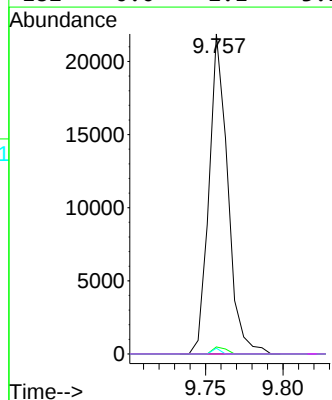
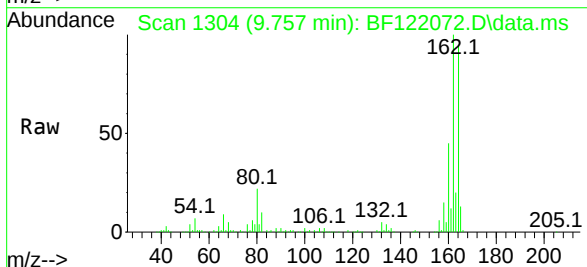
Instrument :
BNA_F
ClientSampleId :
S3

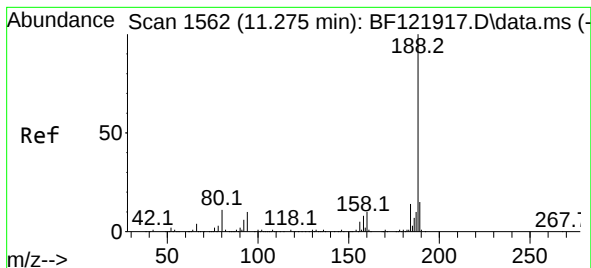
Tgt Ion:163 Resp: 60509
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.8 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

Tgt Ion:165 Resp: 18419
Ion Ratio Lower Upper
165 100
63 2.2 41.3 61.9#
89 1.8 61.8 92.8#
182 0.0 2.1 3.1#

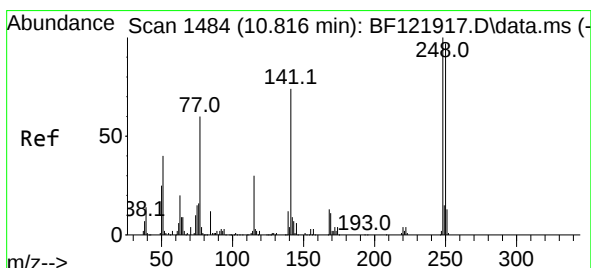
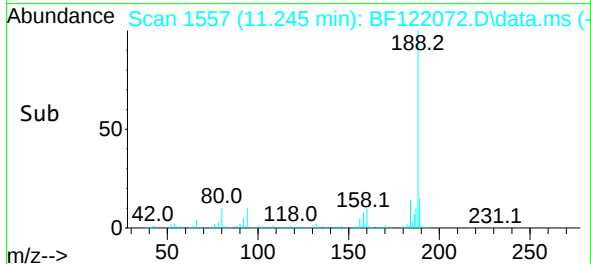
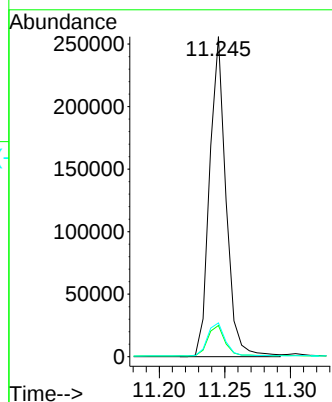
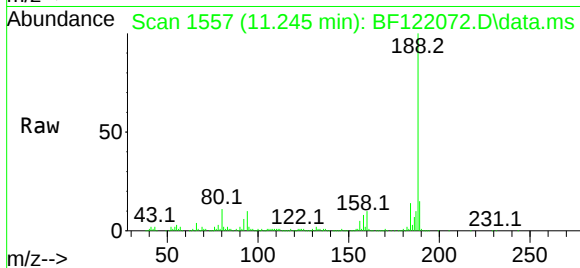




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

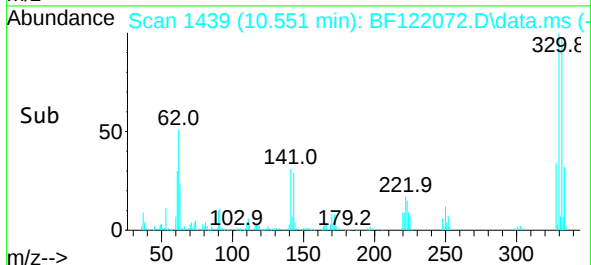
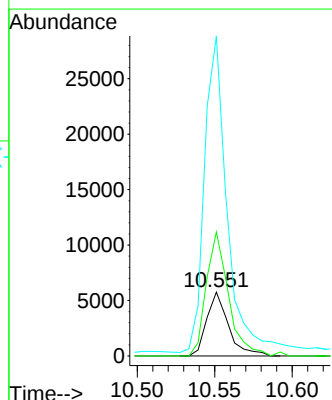
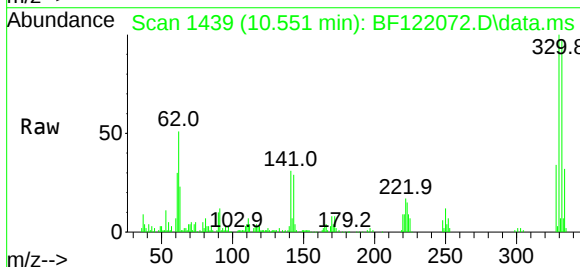
Instrument :
BNA_F
ClientSampleId :
S3

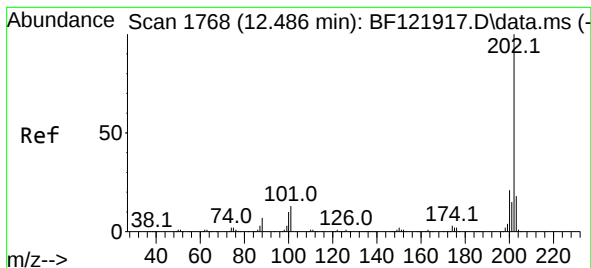
Tgt Ion:188 Resp: 223222
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.5 9.1 13.7



#67
4-Bromophenyl-phenylether
Concen: 2.18 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

Tgt Ion:248 Resp: 5619
Ion Ratio Lower Upper
248 100
250 194.2 77.0 115.6#
141 501.1 53.7 80.5#

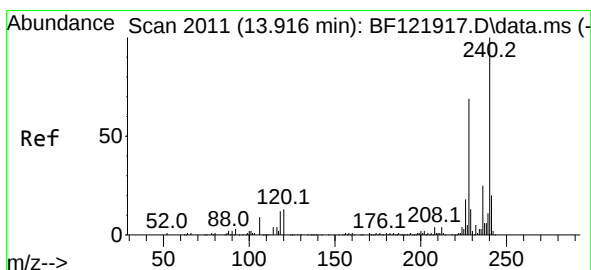
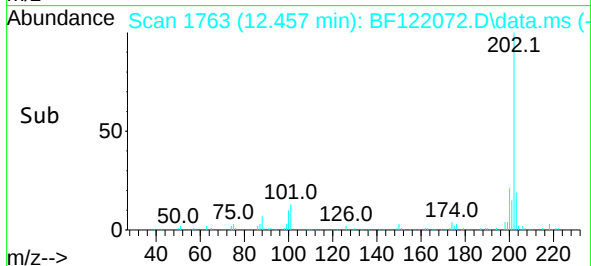
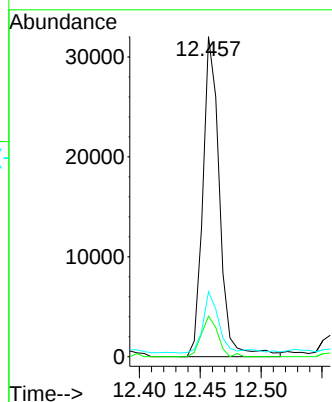
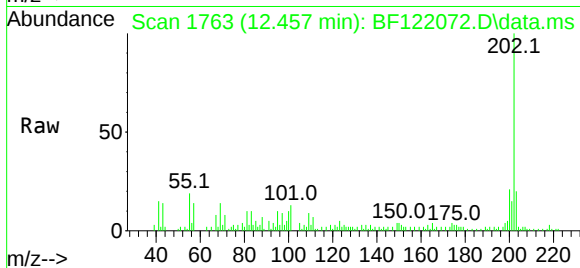




#75
Fluoranthene
Concen: 2.33 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

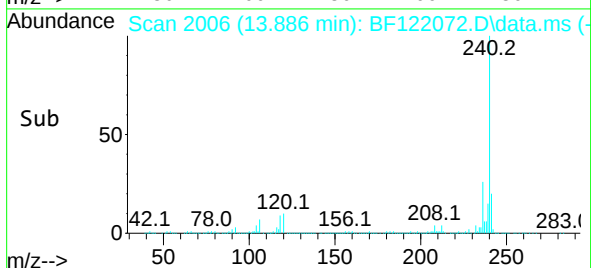
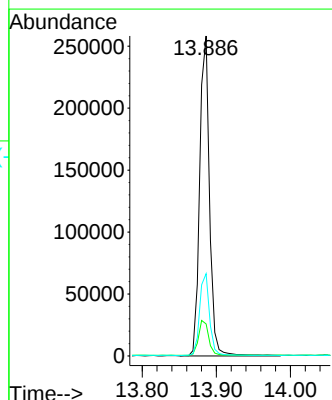
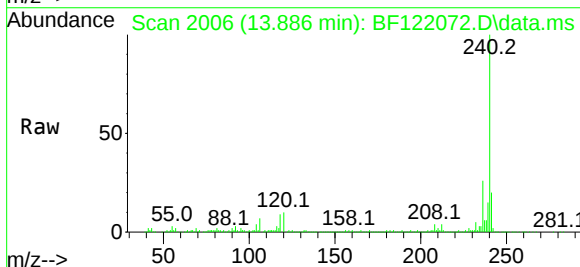
Instrument :
BNA_F
ClientSampleId :
S3

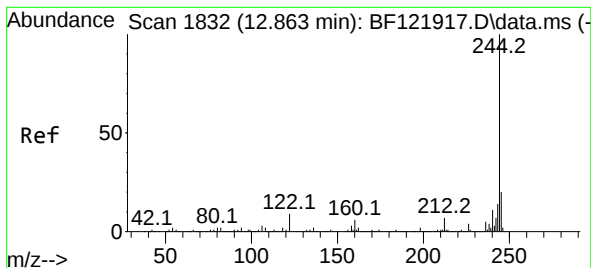
Tgt Ion:	202	Resp:	30607
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	33.4
203	20.3	0.0	37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF122072.D
Acq: 22 Oct 2020 2:22

Tgt Ion:	240	Resp:	237567
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.2	13.8
236	25.7	20.9	31.3





#79

Terphenyl-d14

Concen: 31.40 ng

RT: 12.821 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF122072.D

Acq: 22 Oct 2020 2:22

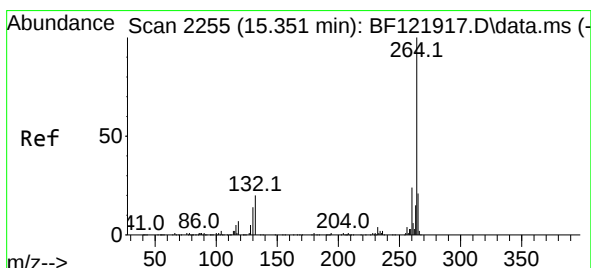
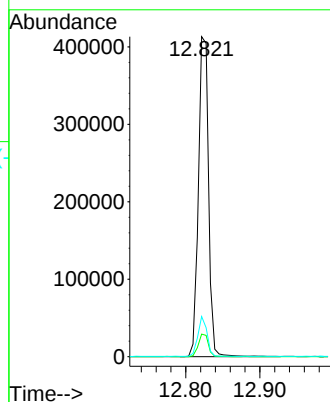
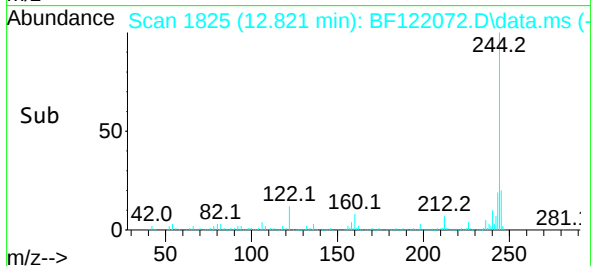
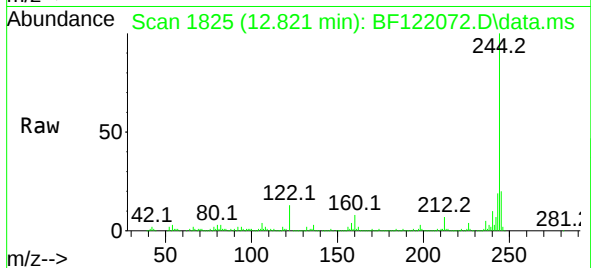
Tgt Ion:244 Resp: 391458

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 12.5 8.1 12.1#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.315 min Scan# 2249

Delta R.T. -0.000 min

Lab File: BF122072.D

Acq: 22 Oct 2020 2:22

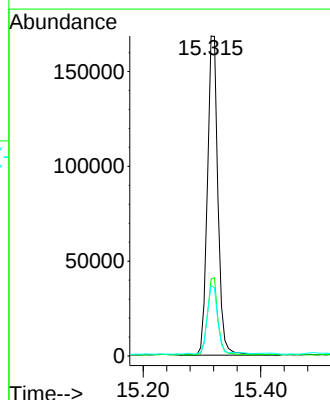
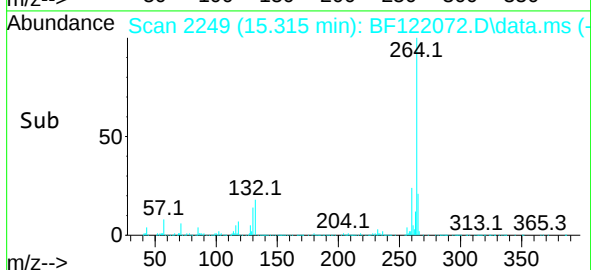
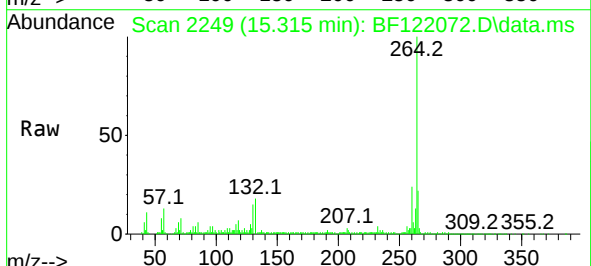
Tgt Ion:264 Resp: 208669

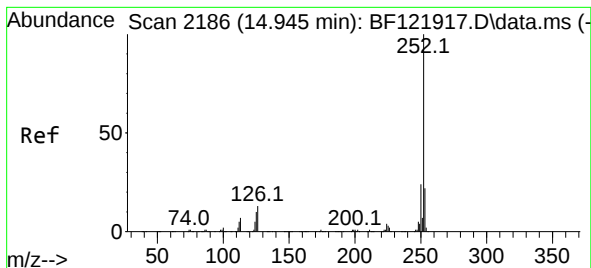
Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.0 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 2.95 ng

RT: 14.910 min Scan# 2180

Delta R.T. -0.000 min

Lab File: BF122072.D

Acq: 22 Oct 2020 2:22

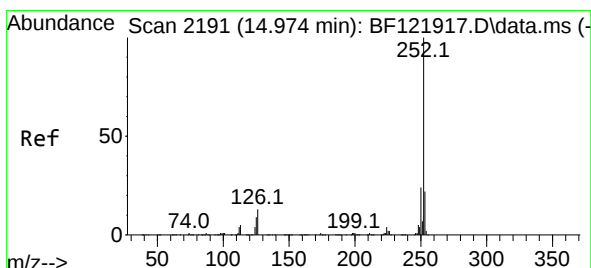
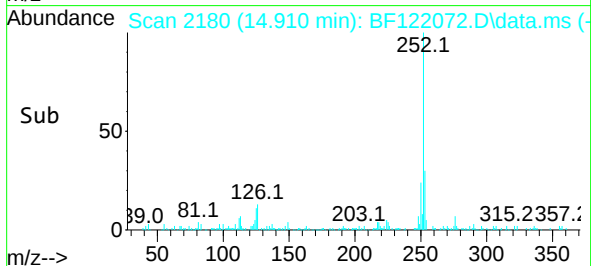
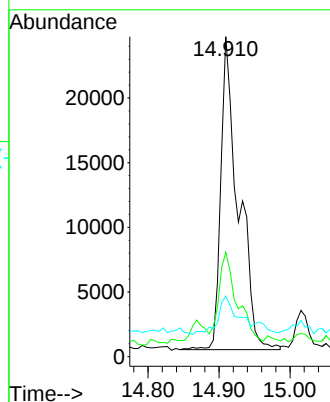
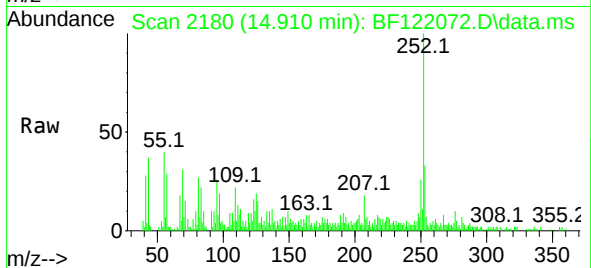
Tgt Ion:	252	Resp:	41601
Ion Ratio	Lower	Upper	
252	100		
253	32.6	18.2	27.2#
125	19.0	8.0	12.0#

Instrument :

BNA_F

ClientSampleId :

S3



#89

Benzo(k)fluoranthene

Concen: 3.10 ng

RT: 14.910 min Scan# 2180

Delta R.T. -0.024 min

Lab File: BF122072.D

Acq: 22 Oct 2020 2:22

Tgt Ion:	252	Resp:	41601
Ion Ratio	Lower	Upper	
252	100		
253	32.6	17.8	26.6#
125	19.0	7.7	11.5#

